

## Anti-MYO1C antibody (769-1028) (STJ29016)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

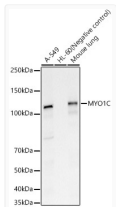
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 122kDa Observed Mw: 122kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

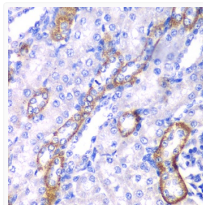
Gene ID	<a href="#">4641</a>
Gene Symbol	<a href="#">MYO1C</a>
UniProt ID	<a href="#">MYO1C_HUMAN</a>
Immunogen Region	769-1028
Immunogen Sequence	ENAFFLDHVRTSFLNLRQ LPQNVLDTSWPTPPPALREA SELLRELCKIKNMWVKYCRSI SPEWKQQLQQKAVASEIFKG KKDNYPQSVPRLFISTRLGT DEISPRVLQALGSEPIQYAV PVVKYDRKGYKPRSRQLLLT PNAVVIVEDAKVKQRIDYAN LTGISVSSLSDSLFVLHVQR ADNKQKGDVVLQSDHVIETL TKTALSANRVNSININQGSI TFAGGPGRDGTIDFTPGSE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 769-1028 of human MYO1C (NP_203693.3).

### ADDITIONAL INFORMATION

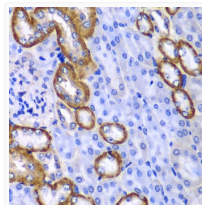
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



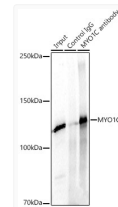
Western blot analysis of various lysates, using MYO1C rabbit polyclonal antibody (STJ29016) at 1:1500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat kidney using MYO1C antibody (STJ29016) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using MYO1C antibody (STJ29016) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunoprecipitation analysis of 300ug extracts of A549 cells using 3ug MYO1C rabbit polyclonal antibody (STJ29016 1:100). Western blot was performed from the immunoprecipitate using MYO1C rabbit polyclonal antibody (STJ29016) at a dilution of 1:1000.